(Original) 1. A method for preparing a photoresist layer for e-beam inspection comprising:

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out-gassing said photoresist layer whereby an outgas from said photoresist layer during said e-beam inspection is substantially prevented.

(Original) 2. The method for of claim 1 wherein:

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said step of out-gassing said photoresist layer further comprising a step of implanting ions into said photoresist layer to activate an out-gassing from said photoresist layer.

(Original) 3. A method for preparing a photoresist layer for e-beam inspection comprising:

increasing a conductivity of said photoresist layer whereby electric charging of said photoresist layer during said e-beam inspection is substantially prevented.

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(Original) 4. The method for of claim 3 wherein:

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said step of increasing a conductivity of said photoresist layer further comprising a step of implanting conductive ions into said photoresist layer to increase a conductivity of said photoresist layer.

(Original) 5. The method for of claim 3 wherein:

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said step of increasing a conductivity of said photoresist layer further comprising a step of implanting carbon ions into said photoresist layer.

(Withdrawn) 6. T	The method for o	f claim 3 whe	rein:
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said step of increasing a conductivity of said photoresist layer further comprising a step of implanting indium ions into said photoresist layer.

(Withdrawn) 7. The method for of claim 3 wherein:

said step of increasing a conductivity of said photoresist layer further comprising a step of implanting Sb ions into said photoresist layer.

(Withdrawn) 8. The method for of claim 3 wherein:

said step of increasing a conductivity of said photoresist layer further comprising a step of implanting silicon ions into said photoresist layer.

(Withdrawn) 9. The method for of claim 3 wherein:

said step of increasing a conductivity of said photoresist layer further comprising a step of implanting metallic ions into said photoresist layer.

25 (Original) 10. The method for of claim 3 wherein:

said step of increasing a conductivity of said photoresist layer further comprising a step of implanting a conductive ions at an implanting energy approximately 1000 ev into said photoresist layer.

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(Original) 11. The method for of claim 3 wherein:

said step of increasing a conductivity of said photoresist layer further comprising a step of implanting a conductive ions having an ion dosage in a approximate range 10^{16} /cm² to 10^{18} /cm² into said photoresist layer.

(Original) 12. The method for of claim 3 wherein:

said step of increasing a conductivity of said photoresist layer further comprising a step of plasma immersing ion implant a conductive ions into said photoresist layer.

(Original) 13. The method for of claim 3 further comprising:

out-gassing said photoresist layer whereby an outgas from said photoresist layer during said e-beam inspection is substantially prevented.

(Original) 14. The method for of claim 13 wherein:

said step of out-gassing said photoresist layer further comprising a step of implanting ions into said photoresist layer to activate an out-gassing from said photoresist layer.

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(Withdrawn) 15. A scanning electronic microscope (SEM) system for scanning a photoresist layer disposed on a semiconductor substrate for integrated circuit manufacture comprising:

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a SEM disposed above said photoresist layer for projecting a scanning electronic beam (e-beam) thereto wherein said photoresist layer having an out-gas content less than 0.5 percents thus substantially prevent out-gassing from said photoresist layer during said SEM projecting said e-beam onto said photoresist layer.

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(Withdrawn) 16. A scanning electronic microscope (SEM) system for scanning a photoresist layer disposed on a semiconductor substrate for integrated circuit manufacture comprising:

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a SEM disposed above said photoresist layer for projecting a scanning electronic beam (e-beam) thereto wherein said photoresist layer having an electric resistivity less than 2000 ohm/cm² thus substantially prevent an electric charging of said photoresist layer during said SEM projecting said e-beam onto said photoresist layer.

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(Withdrawn) 17. A scanning electronic microscope (SEM) system for scanning a photoresist layer disposed on a semiconductor substrate for integrated circuit manufacture comprising:

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a SEM disposed above said photoresist layer for projecting a scanning electronic beam (e-beam) thereto wherein said photoresist layer having implanted conductive ions for increasing a conductivity of said photoresist layer.

	(Withdrawn) 18. scanning a_photore	The scanning electronic microscope (SEM) system for esist layer for of claim 17 wherein:
5		implanted conductive ions further comprising lanted carbon ions.
	(Withdrawn) 19.	The photoresist layer for of claim 17 wherein:
10	said implanted conductive ions further comprising implanted indium ions.	
	(Withdrawn) 20.	The photoresist layer for of claim 17 wherein:
15	said implanted conductive ions further comprising implanted Sb ions.	
	(Withdrawn) 21.	The photoresist layer for of claim 17 wherein:
20		implanted conductive ions further comprising lanted silicon ions.
	(Withdrawn) 22.	The photoresist layer for of claim 17 wherein:
25		implanted conductive ions further comprising lanted metallic ions.